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Results Format Preferred (circle): PAPER DISK E-MAIL

SEARCH REQUEST FORM

Scientific and Technical Information Center					
Requester's Full Name: Art Unit: 1653 Phone Number 308.3213	71263 8/6/03				
Requester's Full Name:	Examiner #: 1/20 Date:				
Art Unit: 1653 Phone Number 308, 3213	Serial Number: <u>09-703233</u>				

Mail Box and Bldg/Room Location:

Results Format Preferred (circle): PA

Mail Box: 9801; Exp Rm 9805

If mor than one search is submitted, please prioritize searches in order of need.

Title of Invention: N-ALKYLATED PEPTIDES HAVING ANTIANGIOGENIC ACTIVITY

Applicants: HAVIV, FORTUNA; HENKIN, JACK; KALVIN, DOUGLAS M.; BRADLEY, MICHAEL F.

Earliest Priority Date: 11/22/99

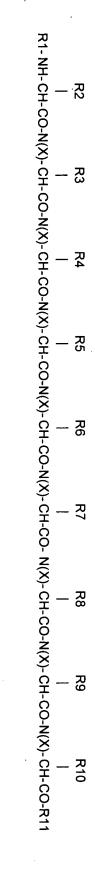
Applicants are claiming peptides which conform with the formula on the attached sheet.

X is hydrogen or alkyl, provided that at least one "X" is alkyl.

- R1 = acetyl, $HOOC-CH_2-CH_2-CO-$, C_6H_5-CO- [R1 cannot be hydrogen]
- R2 = methyl, hydrogen $-(CH_2)_n$ -COOH, $-(CH_2)_n$ -CONH₂, $-CH_2$ -OH,
- R3 = alkyl, hydrogen, $-CH_2-C_6H_5$, $-(CH_2)_n-COOH$, $-(CH_2)_n-CONH_2$,
- R4 = alkyl, hydrogen, $-CH_2-C_6H_5$, aminobutyl, $-(CH_2)_n$ -COOH, -(CH₂)_n-CONH₂, imidazolylmethyl, indolylmethyl, -CH₂-CH₂-SCH₃
- R5 = anything, provided that the carbon bearing R5 is of the D-configuration

STAFF USE ONLY	Type of Search	Vendors and cost where applicable		
Searcher:	NA Sequence (#)	STN		
Searcher Phone #:	AA Sequence (#)	Dialog		
Searcher Location:	Structure (#)	Questel/Orbit		
Date Searcher Picked Up:	Bibliographic	Dr.Link		
Date Completed:	Litigation	Lexis/Nexis		
Searcher Prep & Review Time:	Fulltext	Sequence Systems		
Clerical Prep Time:	Patent Family	WWW/Internet		
Online Time:	Other	Other (specify)		

PTO-1590 (8-01)



R6 = alkyl, hydrogen, $-CH_2$ -OH, $-(CH_2)_n$ -COOH, $-(CH_2)_n$ -CONH₂, imidazolylmethyl, indolylmethyl, $-CH_2$ - CH_2 -SCH₃, $-CH_2$ -CH=CH₂

R7 = alkyl, hydrogen, $-CH_2-C_6H_5$, $-(CH_2)_n-CONH_2$, $-CH_2-OH$, $-(CH_2)_3-NHC(=NH)NH_2$, indolylmethyl;

R8 = alkyl, hydrogen, $-CH_2$ - CH_2 - SCH_3 , $-CH_2$ - $CH=CH_2$;

R9 = $-(CH_2)_3$ -NHC(=NH)NH₂, $-(CH_2)_3$ -NH-CONH₂, $-(CH_2)_4$ -NH₂

R10 = alkyl, or $-CH_2-C_6H_5$

R11 = anything, but can contain no more than one amino acid.

n = 1 or 2